

Patent claims

1. Arrangement of a multi-part intervertebral
5 endoprosthesis (9), which has a top closure plate
and bottom closure plate (91, 92) and, between
these, a sliding core (93), each closure plate
(91, 92) being assigned a pair of receiving
10 openings (96, 97) or projections, and of an
insertion instrument (1), which has a handgrip
area (21, 31) and a gripping area (22, 32) with
retention projections (51, 52) or openings which,
in order to hold the intervertebral endoprosthesis
(9) on the insertion instrument (1), can be
15 engaged in the receiving openings (96, 97) or
projections,

characterized in that

20 the receiving openings (96, 97) are arranged in
lateral side faces of the intervertebral
endoprosthesis (9), and at least the pair of
receiving openings (96) assigned to one of the
closure plates (92) has a shape extended in the
25 direction toward the other closure plate (91).

2. Arrangement according to Claim 1,

characterized in that

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the receiving opening (96) with an extended shape
is a slit.

3. Arrangement according to Claim 1 or 2,

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characterized in that

the receiving opening (96) with an extended shape
extends over the entire height of the assigned

closure plate (92).

4. Arrangement according to one of the preceding claims,

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characterized in that

the receiving opening (96') with an extended shape extends over part of the height of the sliding core (93).

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5. Arrangement according to one of the preceding claims,

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characterized in that

the receiving opening (96') with an extended shape extends over the entire height of the sliding core (93).

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6. Arrangement according to one of the preceding claims,

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characterized in that

the receiving opening (96) with an extended shape narrows with increasing depth.

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7. Arrangement according to one of the preceding claims,

characterized in that

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the receiving opening (97) assigned to the other closure plate (91) has a concentrated shape.

8. Arrangement according to Claim 7,

characterized in that

it is designed as a round bore.

- 5 9. Arrangement according to one of the preceding
 claims,

characterized in that

10 the retention projections are designed as small
 plates (52) and as pins (51).

10. Arrangement according to one of the preceding
 claims,

15 characterized in that

 the receiving openings are arranged on the
 insertion instrument (1) and the retention
 projections are arranged on the intervertebral
20 endoprosthesis (9).

11. Arrangement according to one of the preceding
 claims,

25 characterized in that

 for the intervertebral endoprosthesis (9, 9'),
 different sizes are provided with sliding cores
 (93, 93') of different thicknesses.

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12. Arrangement according to one of the preceding
 claims,

characterized in that

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 a block (61') with an abutment surface (62) for
 bearing on the intervertebral endoprosthesis (9)
 is provided on a gripping area, said block (61')
 being connected to a force-receiving part for

applying an insertion force to the intervertebral endoprosthesis (9).

13. Arrangement according to Claim 12,

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characterized in that

the block (61') is arranged rigidly on the gripping area (22).

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14. Arrangement according to Claim 13,

characterized in that

15 the block (61') is secured by means of a through-screw (68).

15. Arrangement according to Claim 13,

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characterized in that

the block (61') is secured by means of a clamping screw (66).

25 16. Arrangement according to one of Claims 12 to 15,

characterized in that

30 a rod (71) with a handle (72) in the rear area of the handgrip part (21) is arranged on the block (61').

17. Arrangement according to Claim 16,

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characterized in that

the handle is designed as a strike head (76).

18. Arrangement according to one of Claims 13 to 17,

characterized in that

the block (61') is arranged on the jaw insert
(53).

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